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4007 Rec'd PCT/PTO 02 MAY 2005

PTO-1390 (Rev. 02-2005)

Approved for use through 03/31/2007. OMB 0651-0021

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TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371		ATTORNEY'S DOCKET NUMBER B1075.70032US00
		U.S. APPLICATION NO. (If known, see 37 CFR 1.5) 10/533596
INTERNATIONAL APPLICATION NO. PCT/US03/34828	INTERNATIONAL FILING DATE 31 October 2003 (31.10.2003)	PRIORITY DATE CLAIMED 31 October 2002 (31.10.2002)
TITLE OF INVENTION IMPROVED ELECTROPHYSIOLOGY LOOP CATHETER		
APPLICANT(S) FOR DO/EO/US FALWELL, Gary S.; MACADAM, David P.; KUONG, Darany		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a submission under 35 U.S.C. 371. 2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. 3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371 (f)). The submission must include items (5), (6), (9) and (21) indicated below. 4. <input type="checkbox"/> The US has been elected (Article 31). 5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371 (c)(2)) a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> has been communicated by the International Bureau. c. <input checked="" type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). 6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371 (c)(2)). a. <input type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). 7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3)) a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)). 9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)). 10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).		
Items 11 to 20 below concern document(s) or information included: 11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 13. <input checked="" type="checkbox"/> A preliminary amendment. 14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76. 15. <input type="checkbox"/> A substitute specification. 16. <input type="checkbox"/> A power of attorney and/or change of address letter. 17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825. 18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4). 19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4). 20. <input checked="" type="checkbox"/> Other items or information: PCT/IB/301;308 forms; PCT/ISA/206 form; PCT pub appl.; International search report; PCT/IPEA/402 form; PCT/IB/332; Comments on the Abstract; Response to invitation pay addl fees; Request under PCT rule 91.1(b) for rectification of obvious errors		

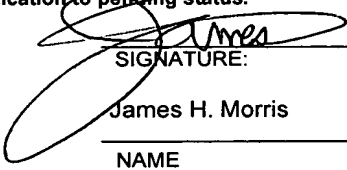
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page 1 of 2

DATE OF MAILING: 02

MAY 2005

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U.S. APPLICATION NO. 10/535596		INTERNATIONAL APPLICATION NO. PCT/US03/348282		ATTORNEY'S DOCKET NUMBER: B1075.70032US00	
The following fees have been submitted				CALCULATIONS	PTO USE ONLY
21.	<input checked="" type="checkbox"/>	Basic national fee	\$300	\$ 300.00	
22.	<input checked="" type="checkbox"/>	Examination fee			
If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4)				\$100	
All other situations				\$200	
23.	<input checked="" type="checkbox"/>	Search fee			
Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority				\$100	
International Search Report prepared and provided to the Office				\$400	
All other situations				\$500	
TOTAL OF 21, 22 and 23 =				\$ 900.00	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE		
- 100 =	/50 =		x \$250.00		
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492 (e)).				\$	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total claims	45 - 20 =	25	x 50.00	\$ 1250.00	
Independent claims	7 - 3 =	4	x 200.00	\$ 800.00	
MULTIPLE DEPENDENT CLAIM(s) (if applicable)			+	\$	
TOTAL OF ABOVE CALCULATIONS =				\$ 2050.00	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.				\$	
SUBTOTAL =				\$ 3850.00	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492 (f)).				\$	
TOTAL NATIONAL FEE =				\$ 3850.00	
Fee for recording the enclosed assignment (37 CFR 1.21 (h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				\$	
TOTAL FEES ENCLOSED =				\$ 3850.00	
				Amount to be refunded:	\$
				Amount to be charged:	\$
<p>a. <input checked="" type="checkbox"/> A check in the amount of \$ <u>3850 .00</u> to cover the above fees is enclosed.</p> <p>b. <input type="checkbox"/> Please charge my Deposit Account No. <u>23/2825</u> in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>23/2825</u>. A duplicate copy of this sheet is enclosed.</p> <p>d. <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.</p> <p>NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137.(a) or (b)) must be filed and granted to restore the International Application to pending status.</p> <p>SEND ALL CORRESPONDENCE TO:</p> <p>Wolf, Greenfield & Sacks, P.C. 600 Atlantic Avenue Boston, Massachusetts 02210-2206 Tel. (617) 646-8000</p> <p>CUSTOMER NUMBER: 23628</p> <p style="text-align: right;">  SIGNATURE: James H. Morris NAME <u>34,681</u> REGISTRATION NUMBER </p>					

Walt, Greenfield & Sacks, P.C.

Federal Reserve Plaza
600 Atlantic Avenue
Boston, Massachusetts 02210
(617) 720-3500
Fax (617) 720-2441

JC14 Rec'd PCT/PTO 02 MAY 2005

10/533596

FAX COVERSHEET

2 September 2004

Ref: 81075.70032W000
Dep: ESC

Date: 09/02/2004
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SHIPPING:	18.90
SPECIAL:	1.32
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TOTAL:	20.22

Number of Pages (including coversheet):

Svcs: IP ENVELOPE

TRCK: 6367 3919 1677

For the Attention of: Eva San Miguel

Fax Number: 011 31 70 340-3016

Re: International Application No.: PCT/US03/34828

International Filing Date: 31 October 2003 (31.10.2003)

Earliest Priority Date: 31 October 2002 (31.10.2002)

Applicant(s): C.R. BARD, INC. ET AL.

Title: ELECTROPHYSIOLOGY

CATHETER WITH BIASED TIP

Our Reference No.: B1075.70032

Certification of Facsimile Transmission

The undersigned hereby certifies that Comments on the Abstract under PCT Rule 38.2(b) are being facsimile transmitted to European Patent Office, P.B. 5818 Patentlaan 2, NL-2280 HV Rijswijk, NETHERLANDS on 2 September 2004.

Colleen F. Sullivan

Name

Signature

CFS

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P.1

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(617) 720-3500
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FAX COVERSHEET2 September 2004

Number of Pages (including coversheet):

For the Attention of:

Fax Number:

Eva San Miguel

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IN THE EUROPEAN PATENT OFFICE
AS INTERNATIONAL SEARCHING AUTHORITY

International Application No. : PCT/US03/34828
International Filing Date : 31 October 2003 (31.10.2003)
Earliest Priority Date : 31 October 2002 (31.10.2002)
Applicant(s) : C.R. BARD, INC. ET AL.
Title : ELECTROPHYSIOLOGY CATHETER WITH BIASED
TIP

Authorized Officer : Eva San Miguel

European Patent Office
P.B. 5818 Patentlaan 2
NL-2280 HV Rijswijk
NETHERLANDS

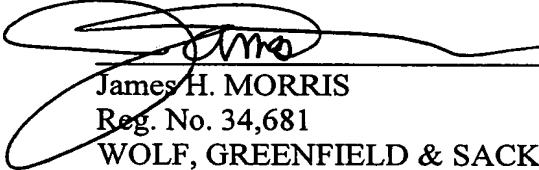
Transmitted herewith for filing is/are the following document(s):

[XX] Comments on the Abstract under PCT Rule 38.2(b)

[XX] Abstract, Sheet No. 84

If the enclosed papers are considered incomplete, the Mail Room and/or the Application Branch is respectfully requested to contact the undersigned collect at (617) 720-3500, Boston, Massachusetts.

Respectfully submitted,


James H. MORRIS
Reg. No. 34,681
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Boston, Massachusetts 02210
United States of America
Telephone: (617) 720-3500
Facsimile: (617) 720-2441

DOCKET NO.: B1075.70032
DATE: 2 September 2004
x 9/2/04

IN THE EUROPEAN PATENT OFFICE
AS INTERNATIONAL SEARCHING AUTHORITY

International Application No. : PCT/US03/34828
International Filing Date : 31 October 2003 (31.10.2003)
Earliest Priority Date : 31 October 2002 (31.10.2002)
Applicant(s) : C.R. BARD, INC. ET AL.
Title : ELECTROPHYSIOLOGY CATHETER WITH BIASED
TIP

Authorized Officer : Eva San Miguel

European Patent Office
P.B. 5818 Patentlaan 2
NL-2280 HV Rijswijk
NETHERLANDS

COMMENTS ON THE ABSTRACT UNDER PCT RULE 38.2(b)

Applicant respectfully requests the International Searching Authority to substitute the attached abstract for that attached to the International Search Report bearing a mailing date of 02 August 2004.

The attached abstract includes the following changes:

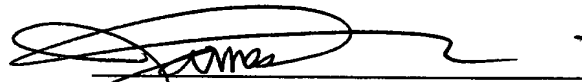
in line 1 before "electrophysiology", replace "A" with --An--;

in line 3 after "superelastic wire", replace "wich" with --which--;

in line 8, after "method", replace "using" with --including--;

in line 11, at first occurrence of "catheter", replace "catheterm" with --catheter--.

Respectfully submitted,



James H. MORRIS
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DOCKET NO.: B1075.70032
DATE: 2 September 2004

10/533596

JC14 Rec'd PC 02 MAY 2005

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FAX COVERSHEET

28 May 2004

Number of Pages (including coversheet): 2

For the Attention of: Eva San Miguel

Fax Number: 011 31 70 340-3016

Re: International Application No.: PCT/US2003/034828

International Filing Date: 31 October 2003 (31.10.2003)

Earliest Priority Date: 31 October 2002 (31.10.2002)

Applicant(s): C.R. BARD, INC. ET AL.

Title:

IMPROVED ELECTROPHYSIOLOGY LOOP
CATHETER

Our Reference No.: B1075.70032

CERTIFICATION OF FACSIMILE TRANSMISSION

The undersigned hereby certifies that a Response to Invitation to Pay Additional Fees is being facsimile transmitted to European Patent Office, P.B. 5818 Patentlaan 2, Rijswijk, THE NETHERLANDS, on 28 May 2004.

Colleen F. Sullivan

Name

CFS

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IN THE EUROPEAN PATENT OFFICE
AS INTERNATIONAL SEARCHING AUTHORITY

International Application No. : PCT/US2003/034828
International Filing Date : 31 October 2003 (31.10.2003)
Earliest Priority Date : 31 October 2002 (31.10.2002)
Applicant(s) : C.R. BARD INC., ET AL.
Title : IMPROVED ELECTROPHYSIOLOGY LOOP
CATHETER

Authorized Officer : Eva San Miguel

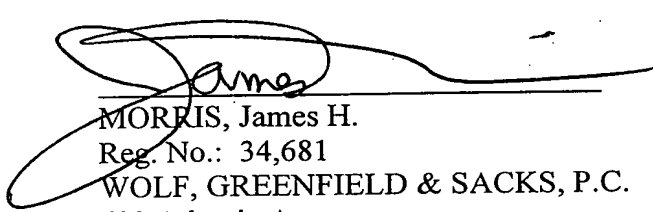
European Patent Office
P.B. 5818 Patentlaan 2
NL-2280 HV Rijswijk
THE NETHERLANDS

**RESPONSE TO INVITATION
TO PAY ADDITIONAL FEES**

In response to the Invitation to Restrict or Pay Additional Fees bearing a mailing date of 22 April 2004 (22.04.2004), please proceed, in addition to invention 1 (claims 1-15), with searching subsequent invention 6 (claims 74-101) in the above-identified application.

Please charge the additional fee(s), in the amount of EUR 945.00, and any deficiency, or credit any overpayment in the total fees, to the account of Wolf, Greenfield & Sacks, P.C., Deposit Account No. 2830 0145.

Respectfully submitted,


MORRIS, James H.
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DOCKET NO.: B1075.70032
DATE: 28 May 2004
x06/06/04